



PATENT  
Attorney Docket No. 03327.2314  
CUSTOMER NUMBER 22,852

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: Koji IWASAWA

Application No.: 10/712,344

Filed: November 14, 2003

For: METHOD OF PREDICTING A  
LIFETIME OF FILAMENT IN ION  
SOURCE AND ION SOURCE  
DEVICE

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)  
) Group Art Unit: 2816  
)  
) Examiner: Not assigned  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**PRELIMINARY AMENDMENT**

Prior to examination, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the claims** begin on page 3 of this paper and a clean  
version of the entire set of claims is attached.

**Remarks** begin on a separate page following the claims.